July 1996 Issue

# STI BULLETIN

A publication for users of the NASA scientific and technical information program office

## ARIN Moves to Langley Research Center and STILAS System

An important part of the STI Program is providing the most comprehensive and wide-ranging information of interest to the aerospace community. To serve you better, the STI Program Office is consolidating the ARIN (Aerospace Research Information Network) system. The STI Program Office's lead center, Langley Research Center (LaRC), is incorporating the data from NASA CASI's older system into their modern, efficient STILAS search engine. ARIN is a menu-driven, online catalog system providing author, title, subject, and keyword access to nearly 400,000 holdings available at fourteen NASA-affiliated libraries. The first data loads have been sent to LaRC in anticipation of completing the loading by the end of 1996.

Once the data is fully loaded, users will have access to the 400,000 citations of NASA library holdings. Included are monographs, books, journals, and the early aviation collection contained in the National Advisory Commission on Aeronautics (NACA) file, with documents from 1915 to 1958 to supplement the data already available through the RECONplus system.

These two powerful searching tools are designed to help the aerospace research community complete their work quickly and easily by affording them access to current and historical literature in every aspect of aerospace engineering and science.

Access to the ARIN system requires registration and a password. The registration process is simple and fast. Anyone can register for ARIN. People at NASA centers must obtain a registration form from their center library. Others should call Registration Services at CASI at 301-621-0153 or send e-mail to **help@sti.nasa.gov**.

## Online Products Lead the Way to Information

Looking for fast access to new STI? Now you can have access to the latest and greatest aerospace literature. And it's free. Take advantage of the STI web site at **http://www.sti.nasa.gov**. It offers multiple ways to browse new additions to the NASA STI database. The CASI Technical Report Server (TRS) is the free, publicly available database access point. If you register for access to the entire database, RECONplus is the STI Program's new search engine offering three modes of searching to assist the novice or the most sophisticated user. Special RECONplus tips and techniques are described on page two of this issue.

In addition to direct database access, several online announcement journals are available that provide narrower views of the database and list only the most recent additions to the collection. All are available from the STI web site through the STI Program Bibliographic Announcements link. Simply click on the link and you'll be transported to the collection. Each of the journals concentrates on a particular aspect of the database.

*Aerospace Medicine and Biology* offers the reader the newest material in subject areas including aerospace medicine, space biology, and life support systems.

*Aeronautical Engineering* provides information on topics such as air transportation and safety, astronautics, and space engineering.

The flagship announcement journal, published biweekly, is *STAR (Scientific and Technical Aerospace Reports)*. *STAR* lists the newest reports added to the database during the previous two weeks. Broken down into ten subject divisions, and further divided into seventy-six subject categories, you can easily scan an issue to learn if there are new reports in your subject area.

*SCAN (Selected Current Aerospace Notices)*, takes the data recently added to the database and breaks it down into even finer chunks. One hundred ninety-one special topic areas are available for your review.

To help you determine what categories most closely relate to your needs, the *NASA STI Database Subject Scope and Coverage* document is also available at the STI web site. In this document are comprehensive descriptions of each subject division

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National Aeronautics and Space Administration
**Langley Research Center**
**Scientific and Technical Information Program Office**

# RECONplus *Tips and Techniques*

## Navigating the CBI's Menus

The menu choices are navigated using the arrow keys and the ENTER key. On a standard 101-key keyboard you may additionally use the numeric keys (the arrow keys on the numeric keypad). To use the numeric keys, NUM LOCK must be on.

The LEFT and RIGHT arrow keys are used to move between main options menu items. The ENTER key causes the menu to "drop down." The UP and DOWN arrow keys allow vertical movement through the menus. The HOME and END keys select the first and last items on the menu, respectively. The ENTER key is used to execute the desired menu item, once it is highlighted using either the UP and DOWN arrow keys or the HOME or END keys.

In addition, the following control (CTRL) keys may be used to navigate the specific screens.

**CTRL-F** **F**irst Menu – moves to the first screen within the search mode or to the Main Options menu

**CTRL-P** **P**revious Screen – moves to previous screen

**CTRL-E** **E**xplain Help – accesses help

**CTRL-G** **G**et – from a list; selects and deselects a term

**CTRL-L** **L**ist Terms – calls index list

**CTRL-B** **B**ack – moves up a page in displays

**CTRL-N** **N**ext – moves down a page in displays

**TAB** Moves to the next field or menu entry

**CTRL-A** Toggles between Insert/Overwrite in forms

**CTRL-U** Deletes current line in forms

**CTRL-W** Re**W**rite – redraws a screen

**DELETE** **D**eletes the character positioned to the left of the cursor

**CTRL-T** **T**erm – from index, allows you to specify new starting term

**CTRL-O** Specify S**O**rt – specify sort from a form

**CTRL-D** Automatic escape

**CTRL-X** Show Status

The control codes listed above may be used to remap function keys on your keyboard. See your systems documentation or your system administrator. Please be advised that this may hinder the ability of the NASA CASI personnel to assist you with problems.

When the first letter of a main or navigation option is highlighted, you may select the function by pressing the highlighted "hot" key, then **ENTER**. In a list, pressing the highlighted "hot" key of a list item moves the cursor to that item.

## Reexecuting a Search in a Different Database

A search previously executed in one database can be reexecuted in a different database. To do so, select a new database from the Select Database option on the Main Options menu. The new database is now the active database in which all subsequent searches will be performed until you change the selection or exit and reenter RECONplus.

If the search you want to reexecute is a stored search, select Replay Stored Search from the Review/Other options on the Main Options menu (See section on Replaying a Stored Search). When the search is replayed, it is executed in the currently active database and a new result set is created.

If the search you want to reexecute was executed earlier in a current search session and has not been saved, see the section Recalling a Previous Search under the section Command Search Screen in the user manual. When the search is recalled, it is executed against the currently active database and a new result set is created.

**RECONplus Training Schedule**

| MONTH | DAY | TIME |
|---|---|---|
| October | 25 (Friday) | 9:00-4:00 |
| November | 8 (Friday) | 9:00-4:00 |
| November | 25 (Monday) | 9:00-4:00 |

The ***STI Bulletin***, published every other month, informs NASA STI users about the products, services, and news of the NASA Scientific and Technical Information Program Office.

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# NASA Thesaurus Terms

## NEW TERMS

### TANGENTIAL BLOWING

GS BLOWING
TANGENTIAL BLOWING
RT BOUNDARY LAYER CONTROL
CIRCULATION CONTROL AIRFOILS
CHORDS (GEOMETRY)
JET FLAPS
LIFT AUGMENTATION
SPANWISE BLOWING
WING SLOTS

### X RAY SPECTROMETERS

GS MEASURING INSTRUMENTS
SPECTROMETERS
X RAY SPECTROMETERS
RT SPECTROSCOPY
X RAY SPECTRA
X RAY TELESCOPES

## CHANGES TO EXISTING TERMS

### BLOWING

EXTERNALLY BLOWN FLAPS and UPPER SURFACE BLOWN FLAPS added as related terms.

### PROVING

The related terms APPROACH AND LANDING TESTS (STS), LUNAR ROVING VEHICLES, and ROVINGS were removed from this hierarchy.

### UNITED STATES

DISTRICT OF COLUMBIA, GUAM, PUERTO RICO, and VIRGIN ISLANDS were changed from related to narrower (GS) terms.

## DEFINITIONS ADDED TO EXISTING TERMS

### BRANCHING (MATHEMATICS)

The appearance of a new solution of a mathematical equation at some critical value of a parameter, as a result of which there may be more than one solution (different branches) of the equation. Used for BIFURCATION (MATHEMATICS).

## Online Products Lead the Way to Information

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and category, and the topics that are included in each one. This special file can be used as a starting point to prepare your own search strategies.

All of these publications have been prepared as Adobe Portable Document Format (PDF) files. To view these documents you must have the Adobe Acrobat Reader installed on your computer. The Reader is free and easily downloaded from the Adobe Systems homepage. The URL is **http://www.adobe.com/Acrobat/readstep.html**. For your convenience, the STI Bibliographic Announcements directory has a link to the Adobe homepage. Simply double-click your mouse button and you will be connected to the Adobe homepage. Follow the instructions to download your own copy of the Adobe Acrobat Reader.

The STI Program Office has chosen to make the documents available in Adobe Portable Document Format (PDF) for a number of reasons. The browser is free, has the advantage of being a cross-platform tool, provides the convenience of full-text searching, keeps document size manageable with file compression, and faithfully renders the document just as if you were given a printed copy.

Suffice it to say that whether your needs are basic or complex, the first place to start is the NASA STI web site.

You can contact the **NASA Access Help Desk** at (301) 621-0390, fax (301) 621-0134, e-mail at **help@sti.nasa.gov**, or write NASA Access Help Desk, NASA Center for AeroSpace Information, 800 Elkridge Landing Road, Linthicum Heights, MD 21090-2934.

National Aeronautics and
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**Langley Research Center**

**Scientific and Technical
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## *Is Your Mailing Label Correct ?*

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